

Serial No. 10/708,826
Attorney Docket No. 60655.8700

CLAIM LISTING

Amendments to the claims are reflected in the following listing, which replaces any and all prior versions and listings of claims in the present application:

Amendments to the Claims:

1. (Currently Amended) A transponder-reader transaction system configured with a biometric security apparatus system, said system comprising:
a transponder configured to communicate with a reader;
a reader configured to communicate with said system;
a facial scan sensor configured to detect a proffered facial scan sample, said facial scan sensor configured to communicate with said system; and,
a device configured to verify said proffered facial scan sample to facilitate a transaction, said device further configured to determine whether said transaction is in compliance with a preset transaction limitation associated with said facial scan sample.
2. (Original) The transponder-reader transaction system of claim 1, wherein said sensor is configured to communicate with said system via at least one of a transponder, a reader, and a network.
3. (Currently Amended) The transponder-reader transaction system of claim 1, wherein said facial scan sensor is configured to facilitate a finite limited number of scans.
4. (Original) The transponder-reader transaction system of claim 1, wherein said facial scan sensor is configured to log at least one of a detected facial scan sample, processed facial scan sample and stored facial scan sample.
5. (Original) The transponder-reader transaction system of claim 1, further including a database configured to store at least one data packet, wherein said data packet includes at least one of proffered and registered facial scan samples, proffered and registered user information, terrorist information, and criminal information.
6. (Original) The transponder-reader transaction system of claim 5, wherein said database is contained in at least one of the transponder, transponder reader, sensor, remote server, merchant server and transponder-reader system.
7. (Currently Amended) The transponder-reader transaction system of claim 6, wherein said ~~remote~~ database is configured to be operated by an authorized sample receiver.

Serial No. 10/708,828
Attorney Docket No. 60655.8700

8. (Currently Amended) The transponder-reader transaction system of claim 1, wherein said facial scan sensor device is configured with at least one of an optical scanner and video camera.
9. (Currently Amended) The transponder-reader transaction system of claim 1, wherein said facial scan sensor device is configured to detect and verify facial scan characteristics including at least one of nodal points, the distance between the eyes, the width of the nose, the jaw line, and the depth of the eye sockets.
10. (Currently Amended) The transponder-reader transaction system of claim 1, wherein said facial scan sensor device is configured to detect and verify pupil dilation, pressure, blinking, motion, and body heat.
11. (Currently Amended) The transponder-reader transaction system of claim 1, ~~further including a~~ wherein said device is configured to compare a said proffered facial scan sample with a stored facial scan sample.
12. (Currently Amended) The transponder-reader transaction system of claim 11, wherein said device ~~configured to compare a facial scan sample~~ is at least one of a third-party security vendor device and protocol/sequence controller.
13. (Original) The transponder-reader transaction system of claim 11, wherein a stored facial scan sample comprises a registered facial scan sample.
14. (Original) The transponder-reader transaction system of claim 13, wherein said registered facial scan sample is associated with at least one of: personal information, credit card information, debit card information, savings account information, and loyalty point information.
15. (Original) The transponder-reader transaction system of claim 14, wherein different registered facial scan samples are associated with a different one of: personal information, credit card information, debit card information, savings account information, and loyalty point information.
16. (Currently Amended) The transponder-reader transaction system of claim 14, wherein a said registered facial scan sample is primarily associated with at least one of first user information, wherein said first information comprises personal information, credit card information, debit card information, savings account information, and loyalty point information, and wherein a said registered facial scan sample is secondarily associated with at least one of second user information, wherein said second information comprises personal information, credit

Serial No. 10/708,826
Attorney Docket No. 60655.8700

card information, debit card information, savings account information, and loyalty point information, where second user information is different than first user information.

17. (Original) The transponder-reader transaction system of claim 1, wherein said transponder-reader transaction system is configured to begin mutual authentication upon verification of said proffered facial scan sample.
18. (Original) The transponder-reader transaction system of claim 1, wherein said transponder is configured to deactivate upon rejection of said proffered facial scan sample.
19. (Currently Amended) The transponder-reader transaction system of claim 1, wherein said sensor is configured to provide a notification upon detection of a said proffered facial scan sample.
20. (Currently Amended) The transponder-reader transaction system of claim 1, wherein said device ~~configured to verify~~ is configured to facilitate at least one of authorized access, activation of a second device, a financial transaction, and a non-financial transaction.
21. (Currently Amended) The transponder-reader transaction system of claim 1, wherein said device ~~configured to verify~~ is configured to facilitate the use of at least one secondary security procedure.
22. (Currently Amended) A method for facilitating biometric security in a transponder-reader transaction system comprising: proffering a facial scan sample to a facial scan sensor communicating with said system to initiate verification of a said facial scan sample for facilitating authorization of a transaction, said verification including determining whether said facial scan sample is associated with a preset transaction limitation.
23. (Currently Amended) The method ~~for~~ of claim 22, further comprising registering at least one facial scan sample with an authorized sample receiver.
24. (Currently Amended) The method of claim 23, wherein said step of registering further includes at least one of: contacting said authorized sample receiver, proffering a facial scan sample to said authorized sample receiver, processing said facial scan sample ~~to obtain a facial scan sample~~, associating said facial scan sample with user information, verifying said facial scan sample, and storing said facial scan sample upon verification.
25. (Currently Amended) The method of claim 22, wherein said step of proffering includes proffering a facial scan sample to at least one of an optical scanner and video camera.

Serial No. 10/708,826
Attorney Docket No. 60655.8700

26. (Currently Amended) The method of claim 22, wherein said step of proffering further includes proffering a facial scan sample to a facial scan sensor communicating with said system to initiate at least one of: storing, comparing, and verifying said facial scan sample.
27. (Currently Amended) The method of claim 22, wherein said step of proffering a facial scan sample to a facial scan sensor communicating with said system to initiate verification further includes processing database information, wherein said database information is contained in at least one of a transponder, transponder reader, sensor, remote server, merchant server and transponder-reader system.
28. (Currently Amended) The method of claim 22, ~~wherein said step of proffering a facial scan to a facial scan sensor communicating with said system to initiate verification further~~ includes further comprising comparing a said proffered facial scan sample with a stored facial scan sample.
29. (Currently Amended) The method of claim 28, wherein said step of comparing includes comparing a said proffered facial scan sample to a stored facial scan sample by using at least one of a third-party security vendor device and protocol/sequence controller.
30. (Original) The method of claim 28, wherein said step of comparing includes comparing nodal points.
31. (Original) The method of claim 30, wherein said step of comparing nodal points comprises storing, processing and comparing at least one of the distance between the eyes, the width of the nose, the hairline, the jaw line, and the depth of the eye sockets.
32. (Currently Amended) The method of claim 22, wherein said step of proffering a facial scan sample to a facial scan sensor communicating with said system further comprises using said facial scan sensor to detect at least one of pupil dilation, pressure, motion, and body heat.
33. (Currently Amended) The method of claim 22, wherein said step of proffering a facial scan sample to a facial scan sensor communicating with said system to initiate verification further includes at least one of detecting, processing and storing at least one second proffered facial scan sample.
34. (Currently Amended) The method of claim 22, wherein said step of proffering a facial scan sample to a facial scan sensor communicating with said system to initiate verification further includes the use of at least one secondary security procedure.

Serial No. 10/708,826
Attorney Docket No. 60655.8700

35. (Currently Amended) A method for facilitating biometric security in a transponder-reader transaction system comprising:
- detecting a proffered facial scan sample at a sensor communicating with said system to ~~obtain a proffered facial scan sample~~;
 - verifying ~~the~~ said proffered facial scan sample; and
 - authorizing a transaction to proceed upon verification that said transaction is in compliance with a preset transaction limitation associated with said ~~of the~~ proffered facial scan sample.
36. (Currently Amended) The method of claim 35, wherein said step of detecting further includes detecting a proffered facial scan sample at a sensor configured to communicate with said system via at least one of a transponder, reader, and network.
37. (Currently Amended) The method of claim 35, wherein said step of detecting a proffered facial scan sample includes detecting a proffered facial scan sample at one of a video camera and optical scanner.
38. (Currently Amended) The method of claim 35, wherein said step of detecting includes at least one of: ~~detecting~~, storing, and processing a proffered facial scan sample.
39. (Currently Amended) The method of claim 35, wherein said step of detecting further includes receiving a ~~finite~~ limited number of proffered facial scan samples during a transaction.
40. (Original) The method of claim 35, wherein said step of detecting further includes logging each proffered facial scan sample.
41. (Currently Amended) The method of claim 35, ~~wherein said step of detecting further includes~~ further comprising at least one of ~~detection~~ detecting, processing and storing at least ~~one~~ a second proffered facial scan sample.
42. (Original) The method of claim 35, wherein said step of detecting further includes using said facial scan sensor to detect at least one of pupil dilation, pressure, motion, and body heat.
43. (Currently Amended) The method of claim 35, wherein said step of verifying includes comparing a said proffered facial scan sample with a stored facial scan sample.
44. (Original) The method of claim 43, wherein said step of comparing a proffered facial scan sample with a stored facial scan sample comprises storing, processing and comparing at least one nodal point.

Serial No. 10/708,826
Attorney Docket No. 60655.8700

45. (Currently Amended) The method of claim 43, wherein comparing a said proffered facial scan sample with a stored facial scan sample includes comparing a said proffered facial scan sample with a biometric sample of at least one of ~~a biometric sample of~~ a criminal, a terrorist, and a transponder user.
46. (Currently Amended) The method of claim 35, wherein said step of verifying includes verifying a said proffered facial scan sample using information contained on at least one of a local database, a remote database, and a third-party controlled database.
47. (Currently Amended) The method of claim 35, wherein said step of verifying includes verifying a said proffered facial scan sample using one of a protocol/sequence controller and a third-party security vendor.
48. (New) The method of claim 1, wherein said preset transaction limitation comprises at least one of a maximum transaction amount, minimum transaction amount, maximum number of transactions within a time period, maximum number of transactions, use by certain merchants, temporal limitation, geographic limitation, and use of non-monetary funds.
49. (New) The method of claim 1, further comprising requiring a second proffered facial scan sample to override said preset transaction limitation.
50. (New) The method of claim 11, wherein said stored facial scan sample is stored by at least one of a third-party biometric security vendor and a governmental agency.
51. (New) The method of claim 22, wherein said preset transaction limitation comprises at least one of a maximum transaction amount, minimum transaction amount, maximum number of transactions within a time period, maximum number of transactions, use by certain merchants, temporal limitation, geographic limitation, and use of non-monetary funds.
52. (New) The method of claim 22, further comprising requiring a second proffered facial scan sample to override said preset transaction limitation.
53. (New) The method of claim 35, wherein said preset transaction limitation comprises at least one of a maximum transaction amount, minimum transaction amount, maximum number of transactions within a time period, maximum number of transactions, use by certain merchants, temporal limitation, geographic limitation, and use of non-monetary funds.
54. (New) The method of claim 35, further comprising requiring a second proffered facial scan sample to override said preset transaction limitation.